



Logic Supply

35 Thompson Street, South Burlington, VT 05403

Certificate of Conformity

We of:

Logic Supply, Inc.
35 Thompson Street
South Burlington, VT 05403
USA

Logic Supply, BV
De Boedingen 39,
4906 BA Oosterhout
The Netherlands

regarding equipment: **Rugged Fanless PC model(s): xxxxxK700xxxxxxxxxxxxxxxx** (where x is any alphanumeric character, "-" or blank designating configuration differences)

was tested in accordance with the following standards:

Test	Result
IEC 60068-2-64 Vibration Test	PASS
MIL-STD-810G Method 514.6 Vibration Test	PASS
IEC 600068-2-27 Shock Test 1	PASS
IEC 600068-2-27 Shock Test 2	PASS
MIL-STD-810G Method 516.6 Shock Test	PASS

Vibration Tests

Test Method 1: Refer to IEC 60068-2-64

Performance Requirement: Operational after test

Waveform: Random

Frequency: 5Hz to 500Hz

Test Axis: Longitudinal, Transversal, Vertical Axis

Duration: 5 hours per axis

Frequency (Hz)	IEC Longitudinal PSD (g ² /Hz)	IEC Transversal PSD (g ² /Hz)	IEC Vertical PSD (g ² /Hz)
5	0.9	0.37	1.86
20	0.9	0.37	1.86
500	0.016	0.0067	0.034
Grms (g ² /Hz)	7.45	4.743	10.784

Test Method 2: Refer to MIL-STD-810G, Method 514.6

Performance Requirement: Operational after test

Waveform: Random

Frequency: 10Hz to 500Hz

Test Axis: Longitudinal, Transversal, Vertical Axis

Duration: 1 hour per axis

Frequency (Hz)	MIL Longitudinal PSD (g ² /Hz)	MIL Transversal PSD (g ² /Hz)	MIL Vertical PSD (g ² /Hz)
10	0.00013	0.0065	0.015
20	0.00065	0.0065	
30	0.00065		
40			0.015
78	0.00002		
79	0.00019		
120	0.00019	0.0002	
121		0.003	
200		0.003	
240		0.0015	
340		0.00003	
500	0.00001	0.00015	0.00015
Grms (g ² /Hz)	0.2	0.74	1.04

Shock Tests

Test Method 1: Refer to IEC 60068-2-27

Performance Requirement: Operational after test

Acceleration: 50 G

Pulse Shape and Duration: Half Sine Wave, 11 ms

Axes: ± Longitudinal, ± Transversal, ± Vertical

Number of pulses per axis: 3

Test Method 2: Refer to IEC 60068-2-27

Performance Requirement: Operational after test

Acceleration: 30 G

Pulse Shape and Duration: Half Sine Wave, 18 ms

Axes: ± Longitudinal, ± Transversal, ± Vertical

Number of pulses per axis: 3

Test Method 3: Refer to MIL-STD-810G, Method 516.6

Performance Requirement: Operational after test

Acceleration: 40 G

Pulse Shape and Duration: Sawtooth, 11 ms

Axes: ± Longitudinal, ± Transversal, ± Vertical

Number of pulses per axis: 3

Reference Test Report: TR-PR099239, Revision 0, July 25, 2019

By:


 Date 2019-08-15

 Jeremy Psaute
 Regulatory Engineer